PTO/SB/05 (01-04)

Approved for use through 07/31/2006. OMB 0651-0032 U.S. Patent and Trademark Office. U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

## UTILITY PATENT APPLICATION **TRANSMITTAL**

3086.EEM Attorney Docket No. Rebecca Wright et al. First Inventor Ultraviolet-Curable Water Title

| (Only for  | new nonprovisional applications under 37 CFR 1.53(b))                            | Express Mail Label No.   | EL569401165US   |                          |  |  |  |  |  |  |
|--|--|--|---|--------------------------|--|--|--|--|--|--|
| See MPEP   | APPLICATION ELEMENTS chapter 600 concerning utility patent application contents. | ADDRESS TO:  | Mail Stop Patent App<br>Commissioner for Pa<br>P.O. Box 1450<br>Alexandria VA 22313   | itents                   |  |  |  |  |  |  |
| 1. Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original and a duplicate for fee processing) Applicant claims small entity status. See 37 CFR 1.27. 3. Specification [Total Pages11] (preferred arrangement set forth below) - Descriptive title of the invention - Cross Reference to Related Applications - Statement Regarding Fed sponsored R & D - Reference to sequence listing, a table, or a computer program listing appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings (if filed) - Detailed Description - Claim(s) - Abstract of the Disclosure  4. Drawing(s) (35 U.S.C. 113) [Total Sheets]  5. Oath or Declaration [Total Sheets] a. Newly executed (original or copy)  b. Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 18 completed)  i. DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) name in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).  6. Application Data Sheet. See 37 CFR 1.76 |  | Computer Programment Programme | Computer Program (Appendix)  8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)  a. Computer Readable Form (CRF)  b. Specification Sequence Listing on:  i. CD-ROM or CD-R (2 copies); or  ii. Paper  c. Statements verifying identity of above copies  ACCOMPANYING APPLICATION PARTS  9. Assignment Papers (cover sheet & document(s))  10. 37 CFR 3.73(b) Statement Power of (when there is an assignee) Attorney  11. English Translation Document (if applicable)  12. Information Disclosure Copies of IDS statement (IDS)/PTO-1449 Citations  13. Preliminary Amendment  14. Return Receipt Postcard (MPEP 503) (Should be specifically itemized)  15. Certified Copy of Priority Document(s) (if foreign priority is claimed)  Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.  Other: |                          |  |  |  |  |  |  |
| Continuation  Continuation information:  Examiner  For CONTINUATION OR DIVISIONAL APPS only; The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference.  |  |  |   |                          |  |  |  |  |  |  |
| The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.  19. CORRESPONDENCE ADDRESS  |  |  |   |                          |  |  |  |  |  |  |
|  |  | NDENCE ADDRESS   |   |                          |  |  |  |  |  |  |
| Custon   | ner Number:  | OR L   | Correspondence  | e address below          |  |  |  |  |  |  |
| Name   | Charles W. Almer   |  |   |                          |  |  |  |  |  |  |
| Address  | National Starch and Chemical  10 Finderne Avenue                                 |  |   |                          |  |  |  |  |  |  |
| City   | Bridgewater  | State New Jersey   | Zip C   | Code 08807               |  |  |  |  |  |  |
| Country  | U.S.A.   | Telephone 908-707-3738   | Fa  | 908-707-3706             |  |  |  |  |  |  |
| Name (Print/Type)   Cypthia L, Foulke (Print/Type)   Registration No. (Attorney/Agent)   32,364  |  |  |   |                          |  |  |  |  |  |  |
| Signature  | Tinthin & bull   | •  | Date  | 03-29-2004               |  |  |  |  |  |  |
| This collection of   | information in societate by 27 CER 1 52/h). The information                      | to according to abtata as a site of  | han aft has the winter  | ushink in to file (and b |  |  |  |  |  |  |

of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

PTO/SB/17 (10-03)
Approved for use through 07/31/2006. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number

| FEE TRANSMITTA   | 1                           | Complete if Known   |              |             |                   |                              |   |             |  |
|--|-----------------------------|---|--------------|-------------|-------------------|------------------------------|---|-------------|--|
| P FEE IKANSIVIIIIA   | <b>L</b>                    | Application Number  |              |             | er                |                              |   |             |  |
| for FY 2004  |                             | Filing Date   |              |             |                   |                              |   |             |  |
| Effective 10/01/2003. Patent fees are subject to annual revision.  |                             | First Named Inventor Rebed  |              |             | tor               | Rebecca                      | a Wright et al.                                 |             |  |
| <u> </u>   |                             | Examiner Name   |              |             |                   |                              |   |             |  |
| Applicant claims small entity status. See 37 CFR 1.27  |                             | Art Unit  |              |             |                   |                              |   |             |  |
| TOTAL AMOUNT OF PAYMENT (\$) 824   |                             | Attorney Docket No. 3086.EEM  |              |             |                   |                              |   |             |  |
| METHOD OF PAYMENT (check all that apply)   | FEE CALCULATION (continued) |   |              |             |                   |                              |   |             |  |
| Check Credit card Money Other None   | 3. ADDITIONAL FEES          |   |              |             |                   |                              |   |             |  |
| Deposit Account:   | Large Entity   Small Entity |   |              |             |                   |                              |   |             |  |
| Deposit<br>Account 14-0455   | Fee<br>Cod                  | Fee<br>e (\$)   | Fee<br>Code  | Fee<br>(\$) |                   | Fee D                        | escription                                      | Fee Paid    |  |
| Number   | 1051                        | 130   | 2051         | 65          | Surcha            | arge - late                  | filing fee or oath                              |             |  |
| Deposit Account National Starch & Chemica  | 1052                        | 50  | 2052         |             | Surcha<br>cover s |                              | provisional filing fee or                       |             |  |
| Name The Director is authorized to: (check all that apply)   | 1053                        | 130   | 1053         | 130         | Non-E             | nglish spec                  | cification                                      |             |  |
| Charge fee(s) indicated below Credit any overpayments  |                             | 2,520   | 1812 2       | -,          |                   | •                            | st for ex parte reexamination                   |             |  |
| Charge any additional fee(s) or any underpayment of fee(s)   | 1804                        | 920*  | 1804         | 920*        |                   | sting publiner action        | cation of SIR prior to                          |             |  |
| Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.  | 1805                        | 1,840*  | 1805         | 1,840*      |                   | esting publi<br>iner action  | ication of SIR after                            |             |  |
| FEE CALCULATION  | 1251                        | 110   | 2251         | 55          | Extens            | sion for rep                 | ply within first month                          |             |  |
| 1. BASIC FILING FEE  | 1252                        | 420   | 2252         | 210         | Exten             | sion for rep                 | ply within second month                         |             |  |
| Large Entity Small Entity  | 1253                        |   | 2253         | 475         | Exten             | sion for rep                 | ply within third month                          |             |  |
| Fee Fee Fee Fee Description Fee Paid Code (\$)   |                             | 1,480   | 2254         | 740         |                   |                              | ply within fourth month                         |             |  |
| 1001 770 2001 385 Utility filing fee 770   |                             | 2,010   | 2255         | 1,005       | Exten             | sion for rep                 | ply within fifth month                          | <del></del> |  |
| 1002 340 2002 170 Design filing fee  | 1401                        |   | 2401         |             |                   | of Appeal                    |   |             |  |
| 1003 530 2003 265 Plant filing fee   | 1402<br>1403                |   | 2402<br>2403 |             | _                 | a briet in s<br>est for oral | support of an appeal                            |             |  |
| 1004 770 2004 385 Reissue filing fee 1005 160 2005 80 Provisional filing fee   |                             | 1,510   |              |             | -                 |                              | te a public use proceeding                      |             |  |
|  | 1452                        |   | 2452         |             |                   |                              | e - unavoidable                                 |             |  |
| SUBTOTAL (1) (\$) 770  |                             | 1,330   | 2453         |             |                   |                              | e - unintentional                               |             |  |
| 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE  |                             | 1,330   | 2501         |             |                   |                              | (or reissue)                                    |             |  |
| Ext <u>ra Claims below Fee Paid</u>  | 1502                        | 480   | 2502         | 240         | Desig             | n issue fee                  |   |             |  |
| Total Claims 23 -20** = 3 x 18 = 54   Independent 1 - 3** = 0 x 0 = 0  | 1503                        | 640   | 2503         | 320         | Plant             | issue fee                    |   |             |  |
| Claims Multiple Dependent  To are the first series of the first se | 1460                        |   | 1460         |             | Petitic           | ons to the (                 | Commissioner                                    |             |  |
| Large Entity   Small Entity  | 1807                        |   | 1807         |             |                   | _                            | under 37 CFR 1.17(q)                            |             |  |
| Fee Fee Fee Fee Description  | 1806                        |   | 1806         |             |                   |                              | formation Disclosure Stmt patent assignment per |             |  |
| Code (\$)  | 8021                        | 40  | 8021         | 40          | proper            | rty (times n                 | number of properties)                           |             |  |
| 1201 86 2201 43 Independent claims in excess of 3  | 1809                        | 770   | 2809         | 385         |                   | a submissi<br>FR 1.129(a     | ion after final rejection                       |             |  |
| 1203 290 2203 145 Multiple dependent claim, if not paid  | 1810                        | 770   | 2810         | 385         | •                 | •                            | nal invention to be                             |             |  |
| 1204 86 2204 43 ** Reissue independent claims  |                             |   |              |             | exami             | ined (37 Cl                  | FR 1.129(b))                                    | ├{          |  |
| over original patent  1205 18 2205 9 ** Reissue claims in excess of 20   | 180                         |   | 2801         |             | •                 |                              | ntinued Examination (RCE)                       |             |  |
| 1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent  | 1002                        | 1802 900 1802 900 Request for expedited examination of a design application |              |             |                   |                              |   |             |  |
| SUBTOTAL (2) (\$) <sup>54</sup>  |                             | her fee (specify)   |              |             |                   |                              | <u> </u>  |             |  |
| **or number previously paid, if greater; For Reissues, see above   | Red                         | luced by  | Basic F      | iling Fe    | e Paid            | SI                           | UBTOTAL (3) (\$)                                |             |  |
| SUBMITTED BY   |                             |   |              |             |                   |                              | (Complete (if applicable))                      |             |  |
| Name (Print/Type) Cynthia L. Foulke  |                             | Registration No. (Attorney/Agent) 32,364                                    |              |             |                   | Telephone 908-707-3738       |   |             |  |
| Signature / i MM Th Moc. Ola   |                             |   |              |             |                   |                              | Date 03-29-2004                                 |             |  |

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.